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TITLE: CHEMICAL ANALYSIS APPARATUS

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ABSTRACT:

PURPOSE: To discharge the dirt and dust collected at the time of measurement before the dirt and dust infilter a photometric part side by positioning an analysis slide to above a projection window after the slide passes relatively a dust discharge part.

CONSTITUTION: After the analysis slide 2 is subjected to specimen dropping, the analysis slide 2 is conveyed successively to the photometric part 77 as a disk 43 rotates in the position direction upon timing up. The dust discharge part 100 is formed to a constant temp. plate 41 on the front side in the disk rotating direction A of the projection window 88 and the analysis slide 2 is positioned to the part above the projection window 88 after the slide passes the dust discharge part 100. An optical system consisting of a projecting part 76 and the photometric part 77 optically measures a change in the density of the color by the reaction of the specimen with the

reagent contained in an analysis element 29 of the analysis slide 2 by the specimen dropping. The dirt and dust of the slide 2 are discharged from the dust discharge part 100 even if the dirt and dust are gathered by the movement of the slide and, therefore, the infiltration of the dirt and dust from the projection window 88 to the photometric part 77 and the projecting part 76 is prevented.